

~~optical computers and optical telecommunication systems.~~

Remarks/Arguments

As a result of a telephone conference with the Examiner of September 28, 2005, amendments to the Title and the Abstract are submitted that are more descriptive of the allowed invention as set forth in the claims. It would be appreciated if the Examiner would indicate the acceptance of these amendments in the next office communication.

If the Examiner has any questions regarding the amendments submitted, she is invited to contact the undersigned attorney at the telephone number shown below.

Respectfully submitted,

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By 

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Date: September 29, 2005

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09/977,254

ABSTRACT OF THE DISCLOSURE

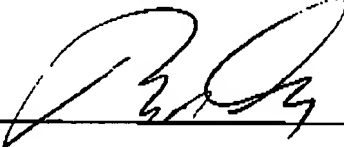
Composite materials having colloidal photonic crystals patterned in substrates for use in different technologies including lab-on-chip and photonic chip technologies. The colloidal crystals are patterned either on or within surface relief patterns in the substrates of the composite materials and each colloidal crystal exhibits Bragg diffraction.

**PLEASE GIVE TO EXAMINER ALICIA ANN CHEVALIER AT GAU
1772**

I hereby certify that this correspondence is being facsimile
transmitted to the Patent and Trademark Office (Fax No. (571)
273-1490 on September 29, 2005.

**Voluntary Amendment, 5 pages for Ozin, SN 09/977,254 filed
October 16, 2001, Docket No.: 13786**

Typed or printed name of person signing this certificate:



Ralph A. Dowell, Reg. No. 26,868

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